

30. (NEW) The method of claim 19 wherein said forming of said pattern on said board includes removing a portion of said lignocellulose-containing material and including recycling a portion of said lignocellulose-containing material for use in manufacturing said board.

31. (NEW) Apparatus for manufacturing boards from lignocellulose-containing material comprising a pre-press for compressing a mat of said lignocellulose-containing material to provide a board having a substantially uniform density, at least one cutting machine for forming a pattern on said board so as to provide a patterned board while retaining said substantially uniform density, and a press for pressing said patterned board to form a finished board.

32. (NEW) The apparatus of claim 31 wherein said cutting machine includes at least one milling machine.

33. (NEW) The apparatus of claim 31 including surface layer modifying means for modifying a surface layer of said patterned board.

34. (NEW) The apparatus of claim 33 including laminating means for modifying said patterned board.

35. (NEW) The apparatus of claim 34 wherein said laminating means comprises means for applying reinforcing or sealing material to said patterned board.

36. (NEW) The apparatus of claim 31 wherein said press comprises a continuous press including press elements for contacting said patterned board including a pattern corresponding to said pattern formed by said cutting machine.

37. (NEW) The apparatus of claim 31 including cutting means for cutting said board into a plurality of board lengths, and wherein said press comprises a discontinuous press including press elements for contacting said plurality of board lengths including a pattern corresponding to said pattern formed by said cutting machine.

38. (NEW) The apparatus of claim 31 wherein said press includes densifying means for densifying a surface layer of said patterned board.

REMARKS

The above-noted cancellation of claims 1-18, and addition of new claims 19-38, as well as the submission of a new Abstract and revisions to the Specification, are respectfully